

MILITARY SPECIFICATION

CONNECTOR, PLUG, ELECTRICAL, SERIES PULSE, TYPE UG-34/U

This specification has been approved by the Department of Defense and is mandatory for use by the Departments of the Army, the Navy, and the Air Force.

1. SCOPE

1.1 This specification covers the detail requirements for type UG-34/U series pulse, electrical plug connector. The Military part number for type UG-34/U connector is M3607/1-01.

2. APPLICABLE DOCUMENTS

2.1 The following documents, of the issue in effect on date of invitation for bids or request for proposal, form a part of this specification to the extent specified herein.

SPECIFICATION

MILITARY

MIL-C-3607 - Connectors, Coaxial, Radiofrequency, Series Pulse, General Specification for.

DRAWINGS

BUREAU OF SHIPS

REA10013 - Cone.
REB10036 - Washer.
REB10066 - Insert.
REB10078 - Coupling Nut.
REA10485 - Contact.
REB10504 - Body.
REB10505 - Insulator.
REB10520 - Coupling Nut.

(Copies of specifications, standards, drawings and publications required by suppliers in connection with specific procurement functions should be obtained from the procuring activity or as directed by the contracting officer.)

3. REQUIREMENTS

3.1 Requirements.- Requirements shall be in accordance with MIL-C-3607, and as specified herein.

3.2 Design and construction.- The electrical plug connector shall be of the design, construction, and physical dimensions specified on figure 1.

4. QUALITY ASSURANCE PROVISIONS

4.1 Sampling and inspection.- Sampling and inspection shall be in accordance with MIL-C-3607, and as specified herein.

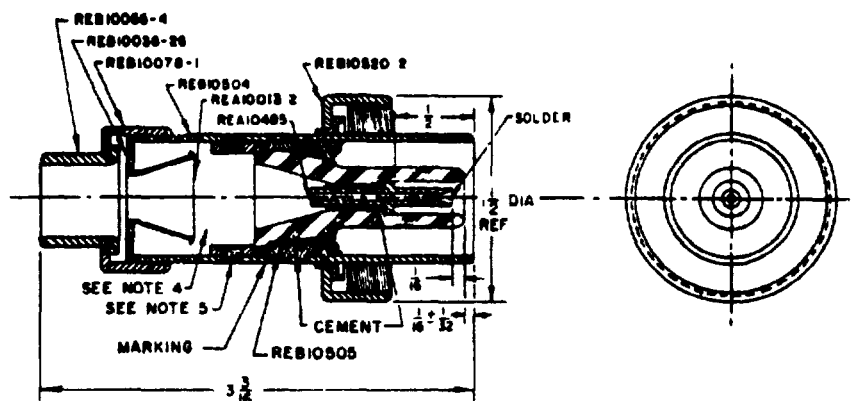
4.2 Leakage.- The leakage test is not applicable.

4.3 Dielectric withstanding voltage.- The test voltage for the dielectric-withstanding-voltage-test shall be 9,000 volts, root mean square.

5. PREPARATION FOR DELIVERY

5.1 Preparation for delivery shall be in accordance with MIL-C-3607.

MIL-C-3607/1A



ASSEMBLY

NOTES

- 1 All dimensions in inches
- 2 Unless otherwise specified, tolerances are $\pm 1/64$ on fractions.
- 3 Washer, REB10036-26, cone, REA10013-2, and contact, REA10485, shall have a silver plating of not less than 0.0002 inch thick. All other metal parts shall be nickel-plated.
- 4 After assembling cable, fill void with insulating and sealing compound.
- 5 This item is a #10-32 UNF-2A x 3/16 long, brass set screw with plain point, two required.

Figure 1 - Type UG-34/U electrical plug connector,
(Military Part No. M3607/1-01).

6. NOTES

6.1 Notes.- In addition to the notes specified herein, the notes specified in MIL-C-3607 are applicable to this specification.

6.2 Intended use.- Electrical plug connector, type UG-34/U, is designed for use with radio frequency pulse cable RG-25/U.

6.3 This specification covers the design of electrical plug connector, type UG-34/U, which was previously covered by Drawing REB49188.

Custodians:
Army - EL
Navy - Ships
Air Force - ASD

Preparing Activity:
Navy - Ships
(Project 5935-0927)